

## Commercial Motor Vehicles in Collisions

Table 39 shows Commercial Motor Vehicle (CMV) collisions for 2000 through 2004. For the purposes of collision reporting, CMV's are buses, truck tractors, tractor-trailer combinations, trucks with more than two axles, trucks with more than two tires per axle, or trucks exceeding 8,000 pounds gross vehicle weight. This category also includes pickups with dual rear wheels.

<b>Table 39</b> <b>Commercial Motor Vehicle Collision Rates : 2000-2004</b>							
	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>Change 2003-2004</b>	<b>Avg. Change 2000-2003</b>
Fatal Collisions	27	35	32	40	31	-22.5%	15.4%
Injury Collisions	509	542	526	492	536	8.9%	-1.0%
Total Collisions	1,878	1,893	1,766	1,704	1,918	12.6%	-3.1%
Commercial VMT (100 millions)	23.7	25.2	25.4	25.4	26.4	3.8%	2.4%
Fatal Collision Rate	1.1	1.4	1.3	1.6	1.2	-25.4%	12.6%
Injury Collision Rate	21.5	21.5	20.7	19.3	20.3	4.9%	-3.3%
Total Collision Rate	79.2	75.2	69.4	67.0	72.6	8.4%	-5.4%

Table 40 presents the location of CMV collisions by severity and roadway type. While 59% of all CMV collisions occurred on rural roadways, 84% of fatal CMV collisions took place on rural roadways.

The largest percentage of all CMV collisions (40%) occurred on local roads, while the largest percentage of fatal CMV collisions (61%) took place on US and State highways.

<b>Table 40</b> <b>Location of Commercial Motor Vehicle Collisions by Roadway Type: 2004</b>								
	<b>Fatal</b>		<b>Injury</b>		<b>Property Damage</b>		<b>All Collisions</b>	
Interstate								
Rural	3	9.7%	77	14.4%	216	16.0%	296	15.4%
Urban	3	9.7%	43	8.0%	82	6.1%	128	6.7%
U.S. or State Highway								
Rural	17	54.8%	181	33.8%	303	22.4%	501	26.1%
Urban	2	6.5%	58	10.8%	157	11.6%	217	11.3%
Local								
Rural	6	19.4%	90	16.8%	246	18.2%	342	17.8%
Urban	0	0.0%	87	16.2%	347	25.7%	434	22.6%
<b>Total</b>	<b>31</b> <b>1.6%</b>		<b>536</b> <b>27.9%</b>		<b>1,351</b> <b>70.4%</b>		<b>1,918</b>	

Table 41 shows the number of collisions by severity that each type of commercial motor vehicle was involved in for 2000 to 2004.

<b>Table 41</b> <b>Collisions Involving Commercial Motor Vehicles by Vehicle Type : 2000-2004</b>							
	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>Change 2003-2004</b>	<b>Avg. Change 2000-2003</b>
<b>Bus</b>							
Fatal Collisions	0	4	2	1	0	-100.0%	100.0%
Injury Collisions	34	42	42	30	37	23.3%	-1.7%
Property Damage Collisions	93	118	116	90	105	16.7%	0.9%
<b>Single Unit Truck</b>							
Fatal Collisions	6	11	8	13	12	-7.7%	39.5%
Injury Collisions	190	211	175	156	195	25.0%	-5.6%
Property Damage Collisions	437	417	360	336	402	19.6%	-8.3%
<b>Single Unit Truck with Trailer</b>							
Fatal Collisions	3	1	0	2	2	0.0%	11.1%
Injury Collisions	36	20	25	29	28	-3.4%	-1.1%
Property Damage Collisions	106	83	72	76	90	18.4%	-9.8%
<b>Truck Tractor Only (Bobtail)</b>							
Fatal Collisions	0	1	1	1	1	0.0%	33.3%
Injury Collisions	7	5	6	13	14	7.7%	36.0%
Property Damage Collisions	16	15	21	30	35	16.7%	25.5%
<b>Semi with Single-Trailer Configurations</b>							
Fatal Collisions	14	15	19	20	16	-20.0%	13.0%
Injury Collisions	204	248	253	235	239	1.7%	5.5%
Property Damage Collisions	591	601	559	561	629	12.1%	-1.6%
<b>Semi with Double-Trailer Configurations</b>							
Fatal Collisions	5	4	3	2	2	0.0%	-26.1%
Injury Collisions	47	32	40	37	35	-5.4%	-4.8%
Property Damage Collisions	111	104	108	93	113	21.5%	-5.4%
<b>Semi with Triple-Trailer Configurations</b>							
Fatal Collisions	0	0	0	1	0	-100.0%	33.3%
Injury Collisions	4	1	1	0	2	200.0%	-58.3%
Property Damage Collisions	12	14	11	13	9	-30.8%	4.5%

**\*\* Crashes between vehicle types are not mutually exclusive. In other words, a crash involving a bus and a single unit truck would be represented in both categories**

Table 42 shows different vehicle types as a percent of all vehicles in collisions excluding pedestrians, bicyclists, and non-motor vehicles.

<b>Table 42</b> <b>Vehicles in All Collisions by Vehicle Type: 2000-2004</b>							
<b>Vehicle Type</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>Change 2003-2004</b>	<b>Avg. Change 2000-2003</b>
Passenger Cars	23,149	22,421	23,102	23,363	23,780	1.8%	0.3%
%	50.6%	49.3%	49.9%	50.4%	48.4%	-3.9%	-0.1%
Pickups, Vans, and Sport Utility Vehicles (SUV's)	19,790	20,140	20,334	20,346	22,357	9.9%	0.9%
%	43.2%	44.3%	43.9%	43.9%	45.5%	3.7%	0.5%
Medium Trucks*	793	770	652	623	743	19.3%	-7.6%
%	1.7%	1.7%	1.4%	1.3%	1.5%	12.6%	-7.9%
Large Trucks**	1,032	1,067	1,057	1,034	1,124	8.7%	0.1%
%	2.3%	2.3%	2.3%	2.2%	2.3%	2.6%	-0.3%
Buses	127	166	163	122	143	17.2%	1.2%
%	0.3%	0.4%	0.4%	0.3%	0.3%	10.6%	0.9%
Motorcycles	373	392	415	452	533	17.9%	6.6%
%	0.8%	0.9%	0.9%	1.0%	1.1%	11.3%	6.2%
All Other***	508	545	577	443	458	3.4%	-3.4%
%	1.1%	1.2%	1.2%	1.0%	0.9%	-2.4%	-3.8%
TOTALS	45,772	45,501	46,300	46,383	49,138	5.9%	0.4%
<i>*Medium trucks are single unit trucks with more than 2 tires per axle or more than 2 axles.</i> <i>**Large trucks include bobtail tractors and tractor-semitrailer combinations.</i> <i>***Includes Farm Equipment, Recreational Vehicles, Construction , ATVs, Trains, Snowmobiles, Other, and Unknown or Missing data.</i>							

Table 43 presents injury severity comparisons by vehicle type for all persons in CMV collisions. In 2004 there were 4,924 persons involved in CMV collisions. Occupants of passenger vehicles combined to comprise 40% of the persons involved in CMV collisions. Of the 32 fatalities that occurred in CMV collisions, 75% were occupants of passenger cars, pickups, vans, or other vehicles while 25% were occupants of CMV's.

<b>Table 43</b> <b>Comparison of Injury Severity for Persons in Commercial Motor Vehicle Collisions: 2004</b>					
<b>Injury Severity</b>	<b>Commercial Motor Vehicle</b>	<b>Car</b>	<b>Pickup, Van and SUVs*</b>	<b>All Other**</b>	<b>Totals</b>
Fatalities	8	13	6	5	32
% of Fatalities	25.0%	40.6%	18.8%	15.6%	0.6%
Serious Injuries	34	56	37	5	132
% of Serious Injuries	25.8%	42.4%	28.0%	3.8%	2.7%
Visible Injuries	115	97	74	7	293
% of Visible Injuries	39.2%	33.1%	25.3%	2.4%	6.0%
Possible Injuries	103	137	138	1	379
% of Possible Injuries	27.2%	36.1%	36.4%	0.3%	7.7%
Non-Injury	2,646	649	740	13	4,048
% of Non- Injury	65.4%	16.0%	18.3%	0.3%	82.2%
Unknown	30	3	4	3	40
% of Unknown	75.0%	7.5%	10.0%	7.5%	0.8%
Column Totals	2,936	955	999	34	4,924
(% OF TOTAL)	59.6%	19.4%	20.3%	0.7%	
<i>*SUV is an acronym for Sport Utility Vehicles.</i> <i>**Includes pedestrians, bicyclists, motorcyclists, farm vehicles, construction equipment, RVs, and trains.</i>					

In 2004, the economic cost of collisions involving commercial motor vehicles was \$157.1 million dollars. This represents 10% of the total cost of Idaho collisions (as shown in Table 4).